

# Prioritization Seafloor Mapping for Washington's Pacific Coast

*Phase 2 Workshop*

*Discovering the Where and Why to plan for the When and How*

Tim Battista – NOAA's Ocean Service

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# *Project Objectives*

- “Where” - Solicit independent “priorities” from Agencies and Tribes. Seek convergence across all entries.
- “Why” - Capture the underlying management or planning need driving the priority. Use this to target products, technology and approach.
- Codify the community towards better collaboration, and addressing broader requirements.
- Embrace common collection standards, shared data, and shared resources.
- Invigorate future investments.

# Assumptions

- There are Not sufficient resources to map the entire Pacific Coast.
- Not all areas have the same informational needs or level of importance.
- Data gaps exist and existing information may be adequate.
- Identifying priority locations maximizes the use of limited resources and strengthens support.
- A cohesive community is more effective– the Whole is bigger than the Sum of the parts.

# Project Timeline

Phase 1: Spatial Prioritization (SP)  
Pre-Planning (TAT). *June - Sep*



Phase 2: SP Planning Workshop I  
(TAT & Stakeholders). *Oct- Nov*



Phase 3: SP Exercise. *Dec-Feb*  
*(mid-Jan)*



Phase 4: SP Workshop II (TAT &  
Stakeholders). *Mar-May (Apr)*

## *Technical Advisory Team (TAT)*

- Jennifer Hennessey – WA Dept of Ecology
- Joe Schumacker – Quinault Indian Nation
- Jennifer Hagen – Quileute Tribe
- Rob Jones – NW Indian Fisheries Commission
- Nancy Wright – NOAA/OCNMS
- George Kaminsky – WA Dept of Ecology
- \* Tim Battista/ Ken Buja – NOAA Biogeography Branch

# The Long Island Sound Spatial Prioritization Process

# Spatial Prioritization Exercise

## LIS Spatial Prioritization Form

Organization	NOAA	State	MD
Contact Name	Jimmy Cricket	Zip Code	20910
Address	1305 East West Hwy	Phone Number	(301) 713-3028
City	Silver Spring	Email	jimmy.cricket@noaa.gov

Add Item

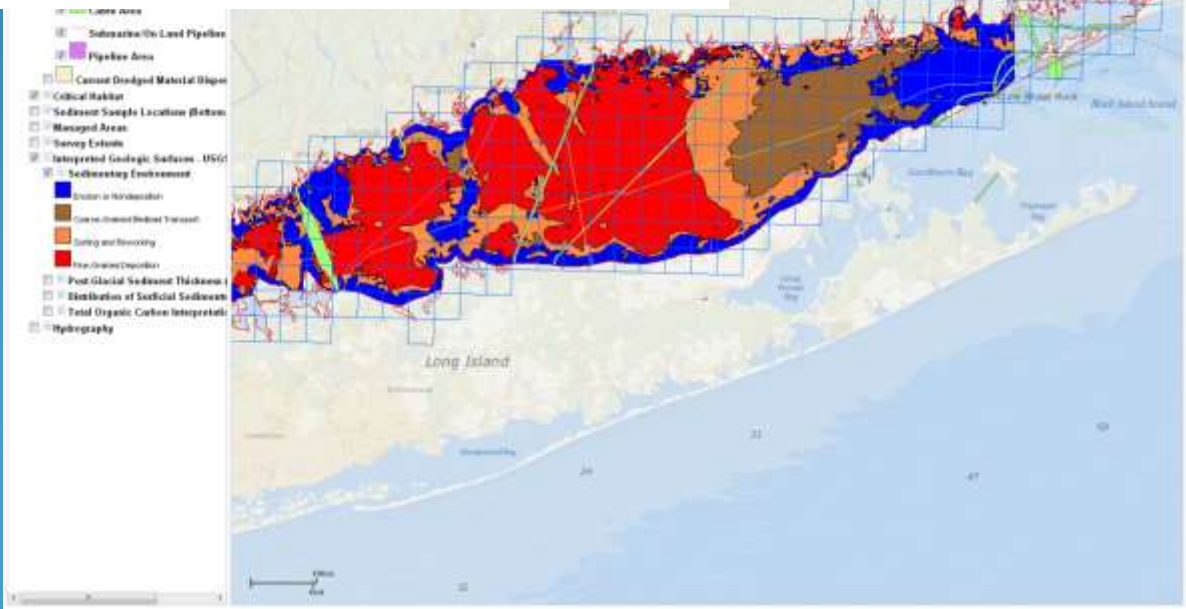
	Grid Code	Priority	Ranking Criteria 1	Ranking Criteria 2	Ranking Criteria 3	Management Issue
X	A15	High (1-2yr)	Significant Natural Areas	High Use Areas	Knowledge Gap	CMSP
X	C10	Medium (2-5yr)	Managed Areas			Impact Assessment
X	D9	Low (5-10yr)	Knowledge Gap	Multiple Use Conflict		Resource Management

Clear Comments

Comments

This is an example of a stakeholder submission for Spatial Prioritization in Long Island Sound.

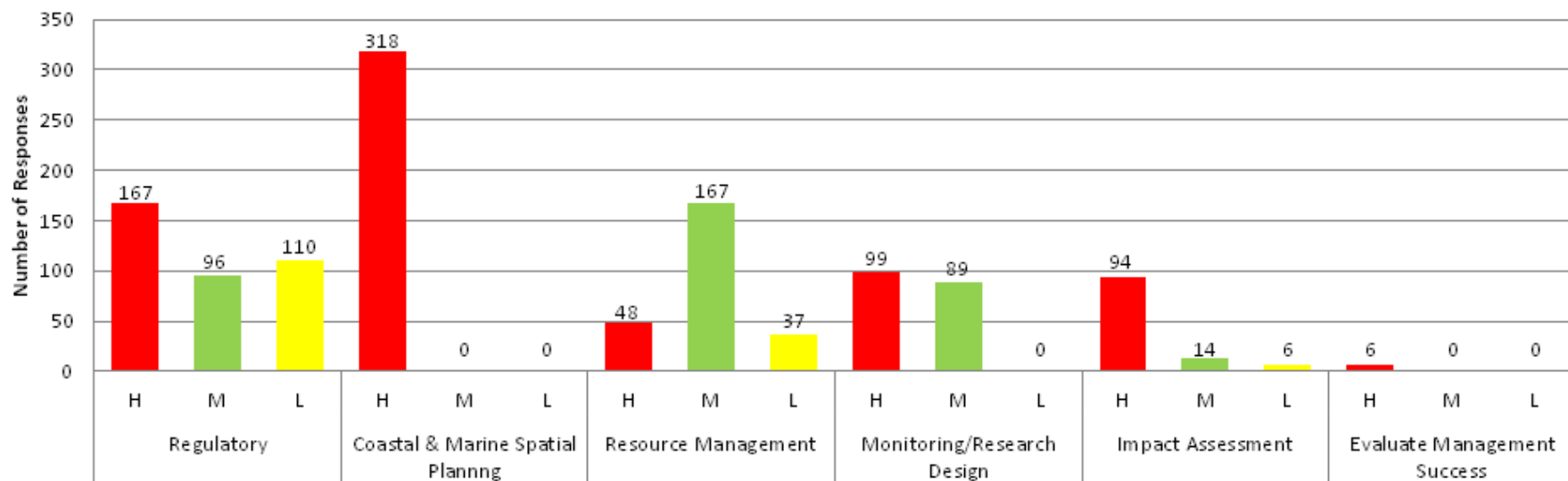
## Long Island Sound Data Viewer



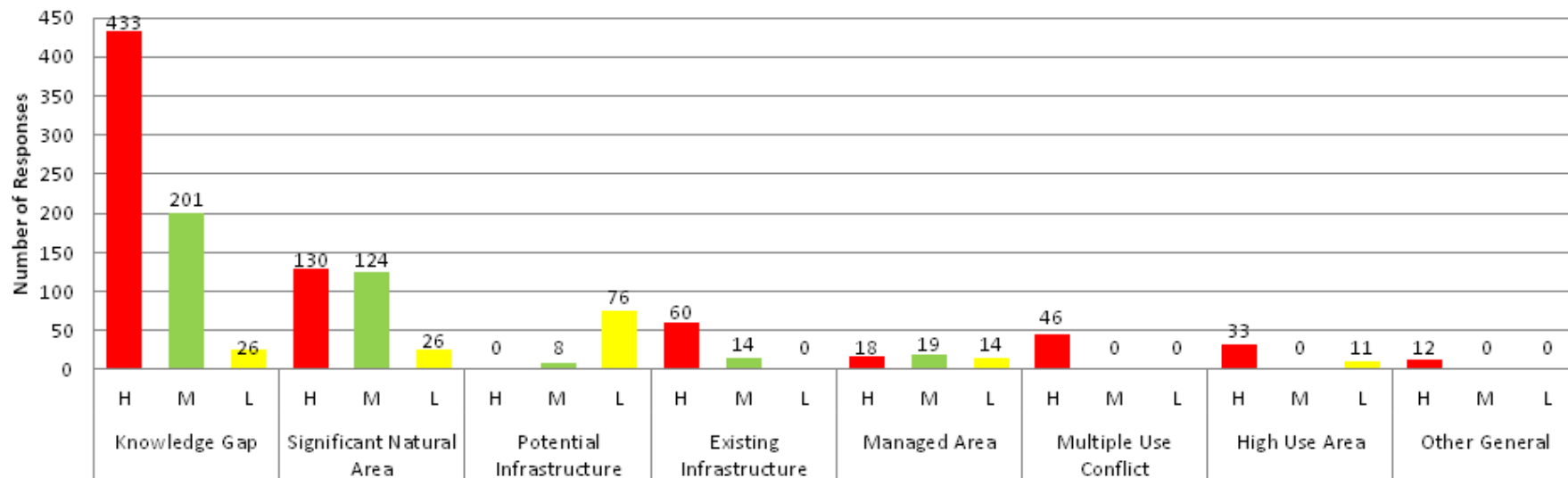


# Spatial Prioritization Results

**Management Issue**

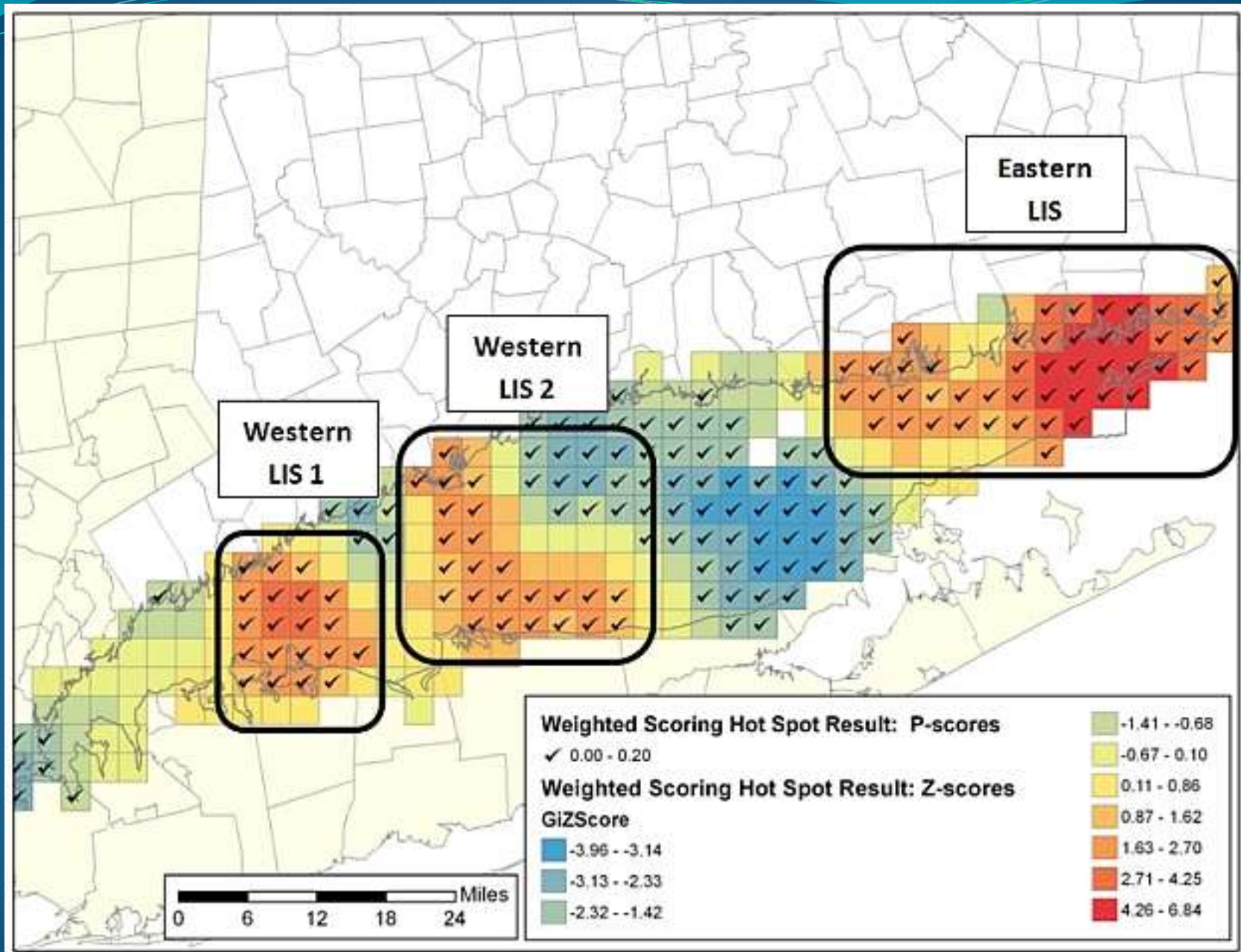


**Ranking Criteria**

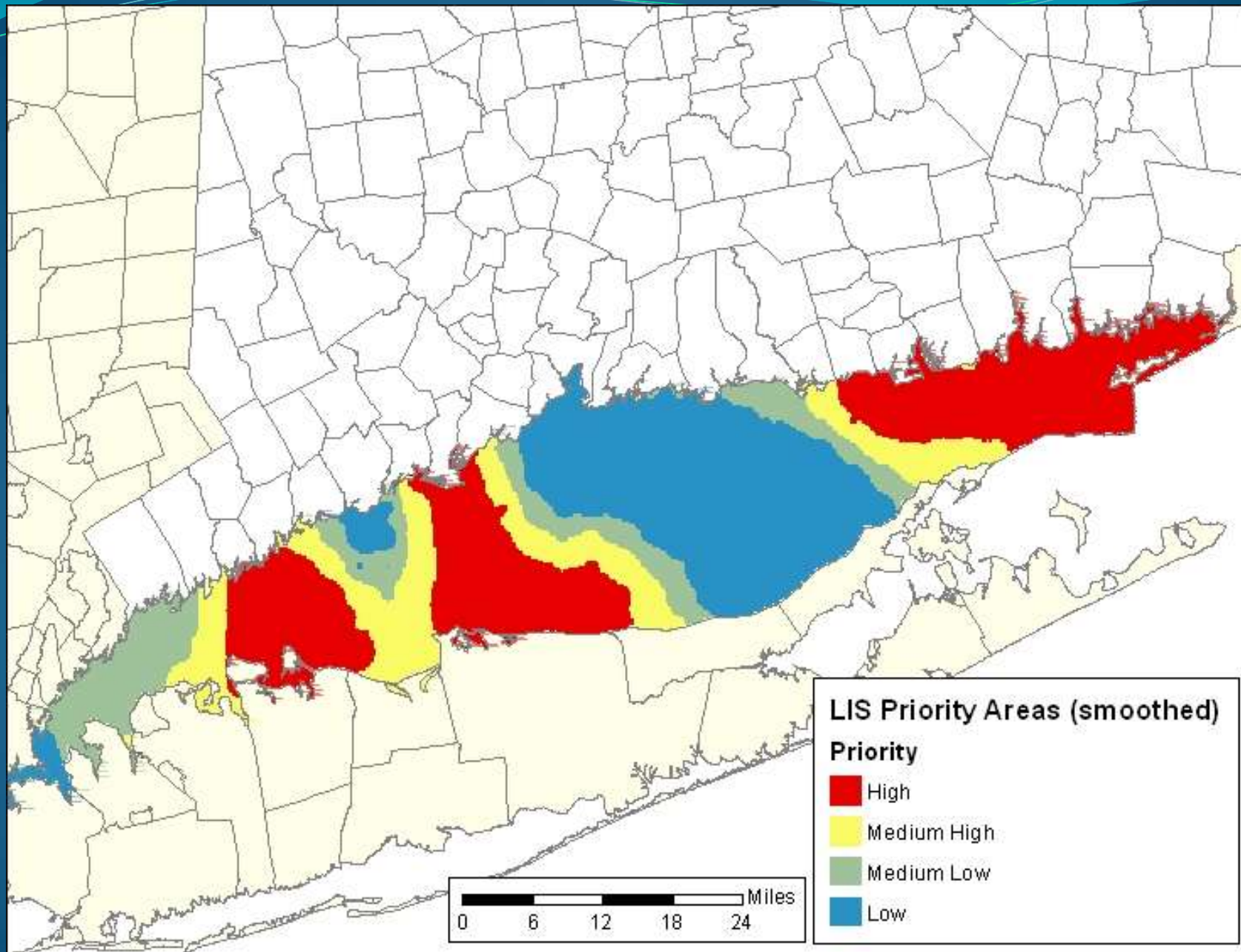


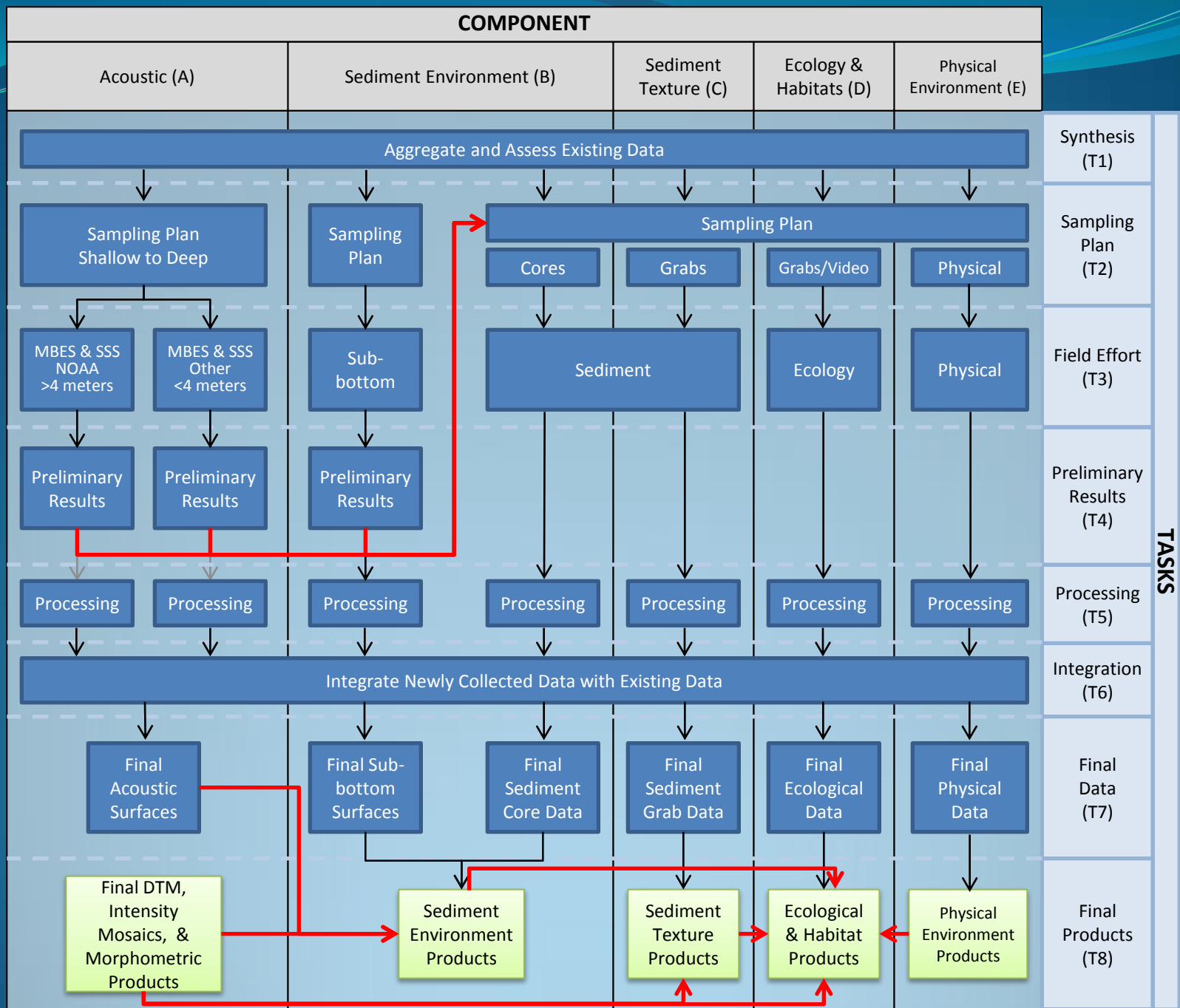


# Spatial Prioritization Results



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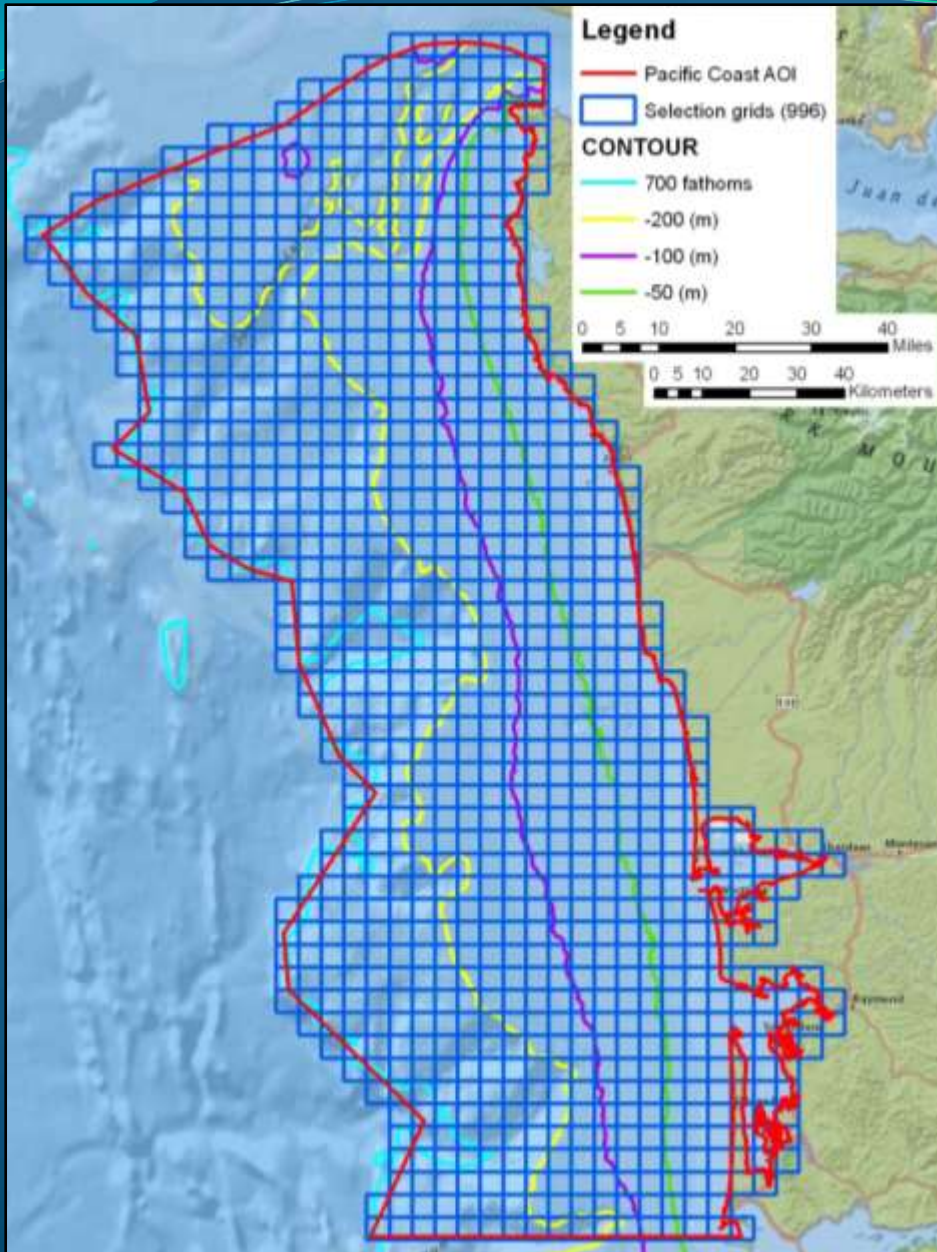




# WA Spatial Prioritization

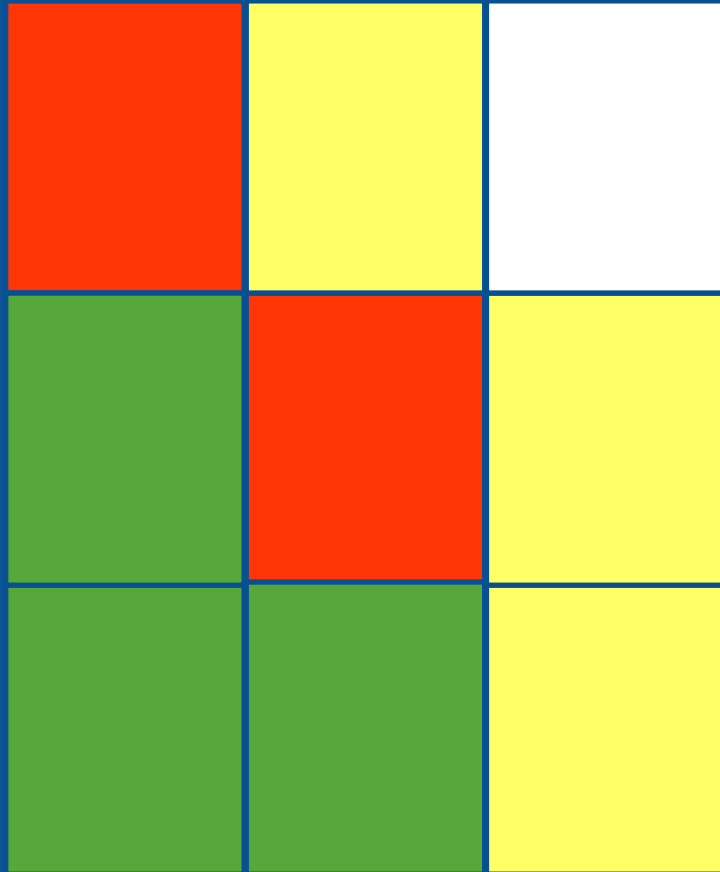


## Study Area – Pacific Coast



- Project AOI defined by WA Marine Spatial Planning study area.
- 700 fathoms to shoreline “zone”.
- Based Standard OCS blocks of 4.8 x 4.8 km (3 x 3 mi)
- 996 grid cells

## Respondent Input:



## Set Categories + Forced Input Constraint Approach:

### Priority:

- A relative measure of the need for seafloor mapping information for a grid cell.
- (High, Medium, Low, or None)
- Limited High and Medium votes (1/3 ea.)

### Management Issue:

- Overarching management issue (by grid cell) driving the “Priority” designation.
- 11 Set choices. Must choose one.

### Ranking Criteria:

- Describes the Management Issue further.
- 8 Set choices. Must Choose one.
- Optional Ranking Criteria 2 and 3.

*\* Revisit these definitions in the breakout group.*

# Respondent Input:

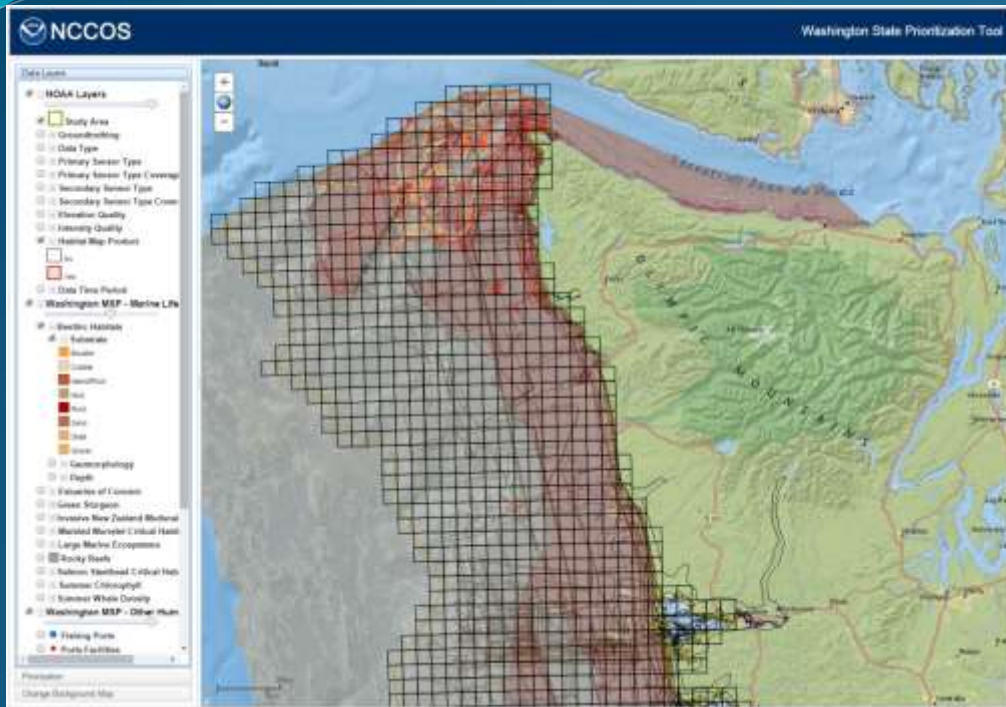
## Selecting Priorities:

### Use available Base Layers:

- TNC Regional Data
- MarineCadastre.gov
- WA Marine Spatial Planning Portal

### Use available Mapping Inventory:

- Are data and products available?
- Are data and products applicable?

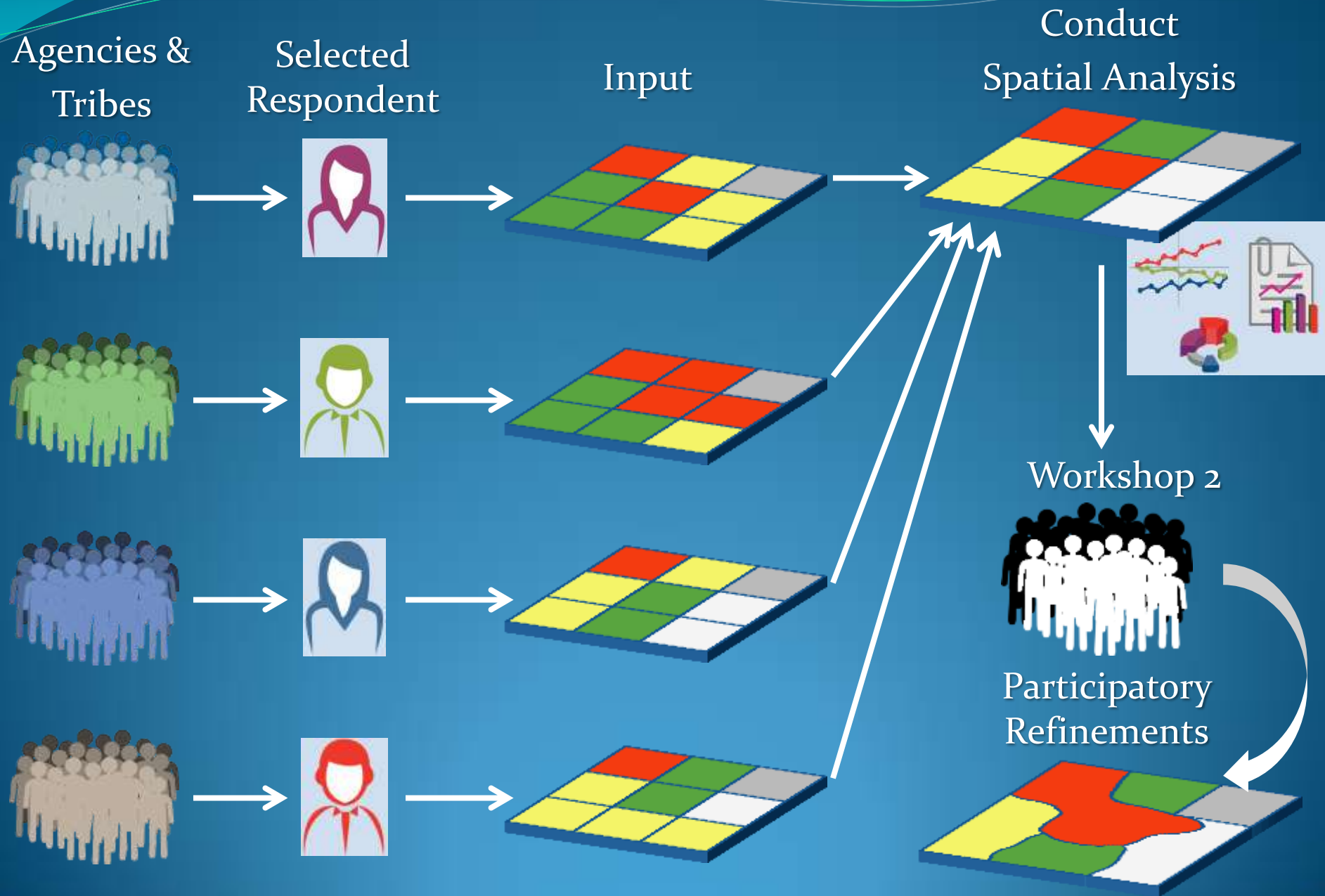


- Project Boundary and Grid
- Marine Infrastructure
- Critical Habitat
- Managed Areas

- Survey Extents
- Interpreted Geological Surfaces
- Hydrography



## Respondent Input:



# WA Spatial Prioritization Web Application

## *Discussion Issues*

- Do we agree with the objective and expected outcomes?
- Comments/Changes on Overall Approach?
- Other anticipated issues/problems?
- Timing for SP Exercise and Workshop 3.
- Identify respondents for SP Exercise.
- Data Exercise tool Webinar?
- Reviewer mode versus editor mode for tool?
- Workshop 3 Topics: Spatial Prioritization report out and convergence, Data Acquisition and Mapping Standards, Data coordination and access issues.

## Contact

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Ken Buja – Ken.Buja@noaa.gov, 301-713-3028 x140

NOAA' Ocean Service

Biogeography Branch

Silver Spring, MD

[http: http://coastalscience.noaa.gov/](http://coastalscience.noaa.gov/)



*Extra Slides*

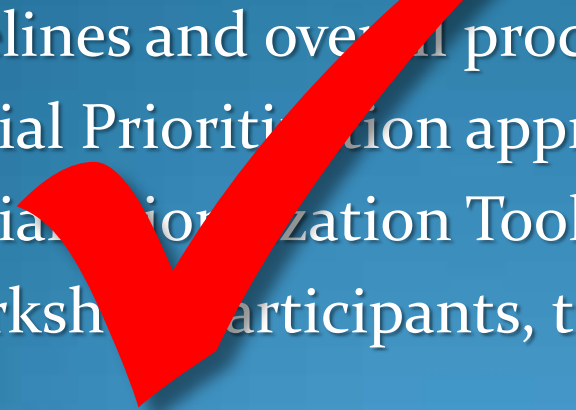
## *Plausible Deniability*

- NOAA is conducting this effort on behalf of WA State, but the outcome has no implication on or to Federal policy or Federal regulatory efforts.
- The effort is unique from other data calls. Incorporate and support, but does not duplicate these efforts.
- WA ,with input from the Technical Advisory Team, has the ultimate say in how and what aspects of the Spatial Prioritization effort are included.

## Phase 1: Spatial Prioritization Pre-Planning (TAT). *June - Aug*

Objectives: Technical Advisory Team (TAT) develops the roadmap for future phases.

### Tasks:

- Review timelines and overall process.
  - Review Spatial Prioritization approach.
  - Review Spatial Prioritization Tool and content.
  - Discuss Workshop participants, timelines, location, and objectives.
  - Identify & conduct preparations for Phase 2 Workshop.
  - Develop 1-pager
  - Invite participants for Workshop.
- 



## Phase 2: SP Planning Workshop (TAT & Stakeholders). *Sep- Nov*

Objectives: Explain process to Workshop participants and get their feedback/buy-in.

### Tasks:

- Technical expert and subject matter presentations.
- Present SP approach and solicit input/revisions.
- Break-out groups to capture organizational needs.
- Identify Agency and Tribal representatives for Phase 3.
- Compile Workshop findings.
- Adjust the SP approach based on input.
- Identify & conduct preparations for Phase 3.

## Phase 3: SP Exercise. *Dec-Feb*

Objectives: Agency representatives conduct SP exercise.

Tasks:

- Initiate, track, and accomplish exercise (Jan).
- Compile, review, and TAT discuss findings (Feb).
- Identify & conduct preparations for Phase 4 Workshop.
- Release SP Exercise findings document to Agencies and participants.

## Phase 4: SP Workshop (TAT & Stakeholders). *Mar-May*

Objectives: Reach consensus on Spatial Prioritization Results.

Tasks:

- Present Phase 3 findings to group.
- Conduct Participatory GIS to refine results.
- Refine management drivers for high priority sites and capture technical needs.
- Strategize opportunities for completing priority sites.
- Identify next steps
- Release Phase 4 findings document to Agencies and participants.